



# AV Engine for FortiOS and FortiAP-S Release Notes

VERSION 5.6 build 361

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July 10, 2018

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## Change log

Date	Change description
July 10, 2018	Adjusted release numbering
July 6, 2018	Initial release.

# Introduction

This document provides the following information for Fortinet's AV Engine version 5.6 build 361.

- [What's New in AV Engine 5.6 build 361](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)

For additional FortiOS documentation, see the [Fortinet Document Library](#).

## What's New in AV Engine 5.6 build 361

### New features

- New CPRL container to improve PDF scanning.
- Add support for scanning CHM files.

### Enhancements

- Excel Web Query file (iqy) file type support added
- Content Disarm and Reconstruction (CDR) support for removing embedded online video from MS-WORD and PPT files.
- The AV engine Win32 emulator now uses Windows official API(s) to restore previous SEH context during SEH unwinding on Windows 64-bit to avoid AV engine crashes on new Windows builds.

# Product Integration and Support

## Fortinet Product Support

The following table lists AV engine product integration and support information:

<b>FortiOS</b>	5.4.0 and later
	5.6.0 and later
<b>FortiAP-S</b>	5.4.0 and later
	5.6.0 and later

## Resolved Issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please contact [Customer Service & Support](#).

### AV engine

Bug ID	Description
465505	Fixed a Win32 emulator crash in the translation code for Load Segment Limits (LSL).
472889	Fixed a Win32 emulator crash when a DLL VirtualImageBase is too small.
477442	Fixed a potential memory overrun in the Win32 emulator.
463792	Adjusted ISO file decompression to dump out the first 32KB of the file.
468997	Fixed a detection loss caused by an issue with zip decompression optimization.
479444	Fixed an issue that caused OLE detection problems by increasing the Outlook message parsing level.
475571	Fixed an issue that caused the AV engine to mistakenly flag a normal zip file as corrupted.
485788	Fixed a crash caused by the DEX parser.
487535	Fixed a random detection bug caused by reading uninitialized memory in the JS emulator.
486649	Fixed an issue that prevented the AV engine from properly decoding encoded VB scripts.
489308	Fixed a JS emulator crash caused by JS build-in function emulation.
467820	Fixed missing file names for RARv5.0.
471167	Fixed a crash caused by an uninitialized variable when running CPRL signatures.



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